

ABEX CORPORATION  
ADMINISTRATIVE RECORD FILE \* \*\*  
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. Report: A Preliminary Assessment of Abex Corporation, prepared by NUS Corporation, 5/31/83. P. 100001-100024.
2. Report: Site Inspection of Abex Corporation, prepared by NUS Corporation, 3/25/86. P. 100025-100078.
3. Report: A Field Trip Report for Abex Corporation, prepared by NUS Corporation, 9/16/86. P. 100079-100203.

\* Administrative Record File available 4/28/92, updated 9/10/92, 9/28/92, 10/29/92, 2/14/94, 3/17/94, 8/23/94 and 10/16/97.

\*\* For additional information concerning the Abex Site, please refer to the Abex Removal Administrative Record located in the U.S. EPA Region III Office in Philadelphia, PA.

### III. REMEDIAL RESPONSE PLANNING

1. Report: Remedial Investigation/Feasibility Study, Health and Safety Plan, Volume III of III, Abex Site, Portsmouth, Virginia, prepared by GEO Engineering, Inc., 10/90. P. 300001-300034.
2. Report: Remedial Investigation/Feasibility Study, Work Plan, Volume I of III, Abex Site, Portsmouth, Virginia, prepared by GEO Engineering, Inc., 10/90. P. 300035-300226.
3. Report: Quality Assurance Project Plan (QAPjP), Volume II of III, Abex Site, Portsmouth, Virginia, prepared by GEO Engineering, Inc., 10/90. P. 300227-300424.
4. Report: Baseline Risk Assessment for the Abex Site, Draft, prepared by Cambridge Environmental Inc., 10/15/91. P. 300425-300530. See entry #12 for the Final Baseline Risk Assessment Report.
5. Letter to Mr. Darius Ostrauskas, U.S. EPA, from Mr. Stephen Mihalko, Virginia Department of Waste Management (VDWM), re: Response to request for additional information from the meeting of January 9, 1992 with Abex, 1/22/92. P. 300531-300567. A memorandum regarding soil ingestion valves and the Biokinetic Uptake Model, an article entitled, "Development of a Model to Estimate the Soil Ingestion Detection Level of Soil Ingestion Studies," and an article entitled, "Qualitative and Quantitative Evidence of Soil Ingestion," are attached.
6. Report: Remedial Investigation Report, Abex Corporation, Portsmouth, Virginia, prepared by GEO Engineering, Inc., 2/92. P. 300568-300758.
7. Report: Remedial Investigation Report, Appendices, Volume I of IV, Abex Corporation, Portsmouth, Virginia, prepared by GEO Engineering, Inc., 2/92. P. 300759-301131.
8. Report: Remedial Investigation Report, Appendices, Volume II of IV, Abex Corporation, Portsmouth, Virginia, prepared by GEO Engineering, Inc., 2/92. P. 301132-301583.
9. Report: Remedial Investigation Report, Appendices, Volume III of IV, Abex Corporation, Portsmouth,

Virginia, prepared by GEO Engineering, Inc., 2/92.  
P. 301584-302043.

10. Report: Remedial Investigation Report, Appendices, Volume IV of IV, Abex Corporation, Portsmouth, Virginia, prepared by GEO Engineering, Inc., 2/92.  
P. 302044-302506.
11. Report: Remedial Investigation Report, Tables 1-53, Abex Corporation, Portsmouth, Virginia, prepared by GEO Engineering, Inc., 2/92. P. 302507-302888.
12. Report: Baseline Risk Assessment for the Abex Site, prepared by Cambridge Environmental Inc., 2/25/92.  
P. 302889-303041.
13. Letter to Mr. Stephen Mihalko, VDWM, from Mr. William W. Dunnell IV, GEO Engineering, Inc., re: Response to comments received from VDWM on the Abex-Portsmouth Remedial Investigation/Feasibility Study (RI/FS), 2/27/92. P. 303042-303081. Abex Superfund Site Baseline Risk Assessment, Remedial Investigation, and Feasibility Study comments and responses are attached.
14. Memorandum to Mr. Patrick M. Tobin, U.S. EPA, from Mr. Henry L. Longest and Mr. Bruce M. Diamond, U.S. EPA, re: Protective cleanup level for lead in ground water, 6/21/90. P. 303081A-303081D.
15. Report: Feasibility Study, Abex Corporation, Portsmouth, Virginia, prepared by GEO Engineering, Inc., 2/92. P. 303082-303175.
16. Letter to Mr. Abraham Ferdas, U.S. EPA, from Mr. William L. Woodfin, Jr., VDWM, re: VDWM concurrence with selected remedial alternative for the Abex Site, 4/21/92. P. 303176-303176.
17. Letter to Mr. Darius Ostrauskas, U.S. EPA, from Mr. Mark diFelicianantonio, CDM Federal Programs Corporation, re: Estimated cost of remedial activities, 4/22/92. P. 303177-303205. Cost information and three area location maps are attached.
18. Memorandum to Mr. Darius Ostrauskas, U.S. EPA, from Ms. Nancy Rios, U.S. EPA, re: Review of the Risk Assessment, 4/23/92. P. 303206-303210. A list of references and a Risk Assessment for PAHs in dust samples are attached.

19. Memorandum to file from Mr. Darius Ostrauskas, U.S. EPA, re: RI/FS report for Abex dated February 1992, 4/24/92. P. 303211-303211.
20. Memorandum to file from Mr. Darius Ostrauskas, U.S. EPA, re: Proposed Plan for Abex Site, 4/27/92. P. 303212-303215. Attachment 1, Vacant Lots (approximate location), Attachment 2, Effingham Residences, and Attachment 3, Drug Rehabilitation Center/Shopping Center Area, are attached.
21. Proposed Plan, Abex Corporation Superfund Site, 4/28/92. P. 303216-303232.
22. Letter to Mr. Stephen Mihalko, VDWM, from Mr. Joseph G. Homsy, Winston & Strawn, re: Pneumo-Abex Corporation's comments to the Proposed Plan, 5/28/92. P. 303233-303263. The comments are attached.
23. Letter to Mr. Terry Stillman, U.S. EPA, and Mr. Steve Mihalko, VDWM, from Ms. Susan Taylor Hansen, Cooper, Spong, & Davis, re: Request to review the Proposed Plan, 5/28/92. P. 303264-303267. A letter regarding comments on the review of the Proposed Plan is attached.
24. Letter to Ms. Ann Troutman, VDWM, from Mr. Jeffrey T. Talbert, Shuttleworth, Ruloff, Giordano & Kahle, re: Comments to the Proposed Plan, 7/10/92. P. 303268-303270.
25. Letter to Ms. Ann Troutman, VDWM, from Mr. Joseph G. Homsy, Winston & Strawn, re: Comments on EPA and VDWM's selection of a new remedial alternative, 7/10/92. P. 303271-303286.
26. Letter to Ms. Ann B. Troutman, VDWM, from Mr. William W. Dunnell IV, GEO Engineering, Inc., re: Affidavit prepared by Mr. Bradley O. Holmberg and other comments by Pneumo-Abex on the Proposed Plan, 7/10/92. P. 303287-303291. The affidavit and the comments are attached.
27. Composite soil samples taken from the crawl space of residents' houses, prepared by Wayne Analytical & Environmental Services, Inc., 6/29/92. P. 303292-303293.

28. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Mark diFelicianantonio, CDM Federal Programs Corporation, re: Estimated cost of remedial activities, 9/8/92. P. 303294-303335. The cost estimates are attached.
29. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Mark diFelicianantonio, CDM Federal Programs Corporation, re: Revised geotechnical recommendations letter, 9/14/92. P. 303336-303350. The following are attached:
- a) a letter regarding geotechnical recommendations;
  - b) Figure 1, Option #1: Sloped Excavation;
  - c) Figure 2, Option #2: Concrete Underpinning;
  - d) Figure 3, Option #2: Concrete Underpinning;
  - e) Figure 4, Option #3: Pier Supports;
  - f) Figure 5, Option #3: A.B. Chance Auger Foundation System.
30. Memorandum to file from Mr. Reginald F. Harris, U.S. EPA, re: Review of the Baseline Risk Assessment, 9/21/92. P. 303351-303352.
31. Record of Decision, Abex Corporation Superfund Site, Portsmouth, Virginia, 9/29/92. P. 303353-303478.
32. Letter to Mr. Timothy F. Malloy, U.S. EPA, and Mr. William A. Hutchins, U.S. Department of Justice, from Mr. Joseph G. Homsy, Winston & Strawn, re: Proposed remedial actions to be performed by the Potentially Responsible Parties (PRPs), 10/19/93. P. 303479-303502. Table 1, New Age Remedy Area by Area Breakdown; a report entitled "An Assessment of the Potential for Lead Exposure After Remediation;" and a report entitled "An Integrated Approach to Meeting Risk-Based Cleanup Goals at a Lead-Contaminated Site," are attached.
33. Letter to Mr. Timothy F. Malloy, U.S. EPA, from Ms. Susan Taylor Hansen, Cooper, Spong & Davis, re: Willingness of the Portsmouth Redevelopment & Housing

Authority to assist in the implementation of revisions to the Record of Decision (ROD), 10/19/93. P. 303503-303504.

34. Letter to Mr. Timothy F. Malloy, U.S. EPA, from Mr. Stuart E. Katz, City of Portsmouth, re: Actions to take place at the site that require modifications to the Record of Decision, 10/19/93. P. 303505-303509.
35. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Mark diFelicianantonio, CDM Federal Programs Corporation, Preliminary cost estimate for remedial activities at the site, 12/29/93. P. 303510-303554. The following are attached:
  - a) Attachment 1, Cost for Temporary Relocation;
  - b) Attachment 2, Estimate of Structure Demolition and Soil Excavation and Disposal;
  - c) Attachment 3, Total Cost Summary;
  - d) Attachment 4, Figures 1 and 2.
36. Proposed Plan to Amend the Record of Decision Issued September 29, 1992, Abex Corporation Site, Portsmouth, Virginia, 2/11/94. P. 303555-303578.
37. Letter to Mr. Ron M. Davis, U.S. EPA, from Ms. Susan Taylor Hansen, Cooper, Spong & Davis, re: Proposal for Amendment to the Record of Decision dated September 29, 1993, 3/17/94. P. 303579-303580.
38. Letter to Mr. Ron M. Davis, U.S. EPA, from Mr. Patrick M. Raher, Hogan & Hartson, re: Comments on EPA's Proposed Plan to amend the September 29, 1993 Record of Decision, 3/18/94. P. 303581-303582.
39. Record of Decision Amendment, Abex Corporation Superfund Site, Portsmouth, Virginia, prepared by U.S. EPA, 8/94. P. 303583-303655.
40. Revised Cost Estimate for Operable Unit 1 of the Abex Corporation Superfund Site, (undated). P. 303656-303661.

IV. REMOVAL RESPONSE PROJECTS

1. Report: Abex Corporation, Portsmouth, Virginia,  
Engineer's Compliance Report, Volume I of III, prepared  
by GEO Engineering, Inc., 2/88. P. 400001-400079.
2. Report: Abex Corporation, Portsmouth, Virginia,  
Engineer's Compliance Report, Volume II of III,  
prepared by GEO Engineering, Inc., 2/88. P. 400080-  
400559.
3. Report: Abex Corporation, Portsmouth, Virginia,  
Engineer's Compliance Report, Volume III of III,  
prepared by GEO Engineering, Inc., 2/88. P. 400560-  
400584.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/IMAGERY

1. Report: Site Analysis, Abex Corporation, Portsmouth, Virginia, prepared by U.S. EPA, 5/87. P. 500001-500031. A cover letter is attached.
2. Transcript of public meeting, Abex Superfund Site, 5/7/92. P. 500032-500136.
3. Transcript of public meeting, Abex Superfund Site, 5/28/92. P. 500137-500311.
4. Handwritten letter to Abex Superfund, U.S. EPA, and all other waste agencies [sic], from Mr. Allen E. Dillard [sic], re: Request for relocation and compensation funding due to lead concentrations in yard, 5/28/92. P. 500312-500312.
5. Handwritten letter from Mr. & Mrs. Ernest & Regina Hinton, re: Disagreement with method of cleanup and request that their home be bought, 5/28/92. P. 500313-500313.
6. Handwritten letter from Ms. Joyce Jordan Gatling, re: Concerns about lead in soil, 5/28/92. P. 500314-500314.
7. Handwritten letter from Ms. Evonne L. White, re: Frustrations about the Abex situation, 5/28/92. P. 500315-500315.
8. Letter to Ms. Leanne Nurse, U.S. EPA and Ms. Ann Troutman, VDWM, from Mrs. Lila M. Bailey, re: Request for full compensation for property, possible health loss, relocation, and stress, 5/30/92. P. 500316-500318. An envelope is attached.
9. Letter to Ms. Jamie Walters, VDWM, from Mr. Tyrone Riddick, re: Areas of concern and disappointment with actions being taken on the Abex issues, 6/6/92. P. 500319-500320.
10. Letter to Ms. Jamie Walters, VDWM, from Mr. Tyrone Riddick, re: Disappointment with EPA and VDWM's handling of the situation and other areas of concern, 6/6/92. P. 500321-500323.
11. Transcript of public meeting, Abex Superfund Site, 6/9/92. P. 500324-500414.



12. Letter to Ms. Jamie Walters, VDWM, and Ms. Kim Hummel, U.S. EPA, from Ms. Charlotte A. Scott, Washington Park Youth Council, and Minister Rafiq Zaidi, Black Concerned Citizens, re: Request for response to inquiries of citizens living near the site, 6/10/92. P. 500415-500416.
13. Letter to Ms. Ann Troutman, VDWM, from Mr. & Mrs. Ernest Hinton, Sr., re: Frustrations with the city's actions towards the community, 6/16/92. P. 500417-500417.
14. Letter to Ms. Ann Troutman, VDWM, from Dr. L. Pettis Patton, City of Portsmouth, Virginia, re: Request for information on whether any planned remedial action on 1601 Effingham Street will hamper scheduled improvements, 6/17/92. P. 500418-500418.
15. Handwritten letter to Ms. Jamie Walters, VDWM, from Ms. Joyce J. Gatling, re: Concerns about soil contamination and request for monetary compensation, 6/19/92. P. 500419-500423.
16. Letter to Ms. Ann Troutman, VDWM, from Mr. Charlie E. Riddick, Jr., The Affected Homeowners of the Abex Superfund Site, re: Response to Proposed Remedial Action Plan Summary Fact Sheet, 6/24/92. P. 500424-500427. A preferred clean up alternative list is attached.
17. Abex workshop sign-in sheet, 6/25/92. P. 500428-500430.
18. Newspaper article entitled "Residents want to relocate out of contaminated area," The Virginian-Pilot, 6/26/92. P. 500431-500431.
19. Handwritten letter to Ms. Kim Hummel, U.S. EPA, from Ms. Joyce Jordan Gatling, re: Request for EPA assistance, 6/28/92. P. 500432-500433.
20. Letter to Ms. Ann Troutman, VDWM, from Mr. Charlie E. Riddick and Arnez L. Riddick, Effingham Construction Area, re: Response to the Proposed Plan and additional concerns, 7/1/92. P. 500434-500435.
21. Handwritten letter to Ms. Rios from Ms. Sharon E.

Niedoli [sic], re: Concerns for health and safety, 7/1/92. P. 500436-500440. A routing and transmittal slip is attached.

22. Letter to Ms. Jamie Walters, VDWM, from Mr. Martin V. Williams and Ms. Clara Williams, re: Concerns over lead contamination and request for relocation and monetary compensation, 7/3/92. P. 500441-500442.
23. Letter to Ms. Kim Hummel, U.S. EPA, from Mr. Martin V. Williams and Ms. Clara Williams, re: Concerns over lead contamination and request for relocation and monetary compensation, 7/3/92. P. 500443-500445. An envelope is attached.
24. Letter to Ms. Jamie Walters and Mr. Stephen Mihalko, and Ms. Leanne S. Nurse, U.S. EPA, from Ms. Carolyn Cotton, re: Concerns over the Abex Superfund Site, 7/6/92. P. 500446-500451. Figure 2, Abex Superfund Site, and an envelope are attached.
25. Handwritten letter to Ms. Ann Troutman, VDWM, from Mr. Avis Riddick, Civil League, re: Comments and concerns on the proposed clean-up plan, 7/7/92. P. 500452-500455.
26. Handwritten letter from Mrs. Lila Bailey, re: Disagreement with the Remedial Action Plan cleanup and request for compensation, (undated). P. 500456-500456.
27. Handwritten letter to Ms. Hummel from Ms. Sharon Niedoli, re: Concerns for health and safety, (undated). P. 500457-500461. An envelope is attached.
28. Transcript of Proceedings, re: Public hearing on a proposal to change the cleanup plan for the Abex Superfund Site, 2/24/94. P. 500462-500523.

29. Letter to Honorable Robert C. Scott, House of Representatives, from Mr. W. Michael McCabe, U.S. EPA, re: A response to the request of information pertaining to the Abex Site and an update regarding the status of the site, 9/26/97.<sup>1</sup> P. 500524-500574. The following are attached:

- a) estimate of structure demolition and soil excavation/disposal;
- b) records of decision and transcripts of public meetings;
- c) summary of community outreach efforts; and
- d) list of parties.

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<sup>1</sup> Some documents contained within this entry are duplicates of those previously included. Specifically, the September 1992 Record of Decision and the August 1994 Record of Decision Amendment correspond to items numbered 31 and 39, respectively, in Section III of this index. Also, the Public Meeting notes dated May 7, 1992, May 28, 1992, June 9, 1992, and February 24, 1994, correspond to items numbered 2, 3, 11, and 28, respectively, in Section V of this index.

#### BIBLIOGRAPHY OF SITE SPECIFIC GUIDANCE DOCUMENTS

1. Regulating Status of Soil Contaminated with Toluene, prepared by David Friedman, 4/5/85.  
9445.01(85)
2. RCRA Regulatory Status of Contaminated Ground Water, prepared by OSWER, 11/13/86.
3. Determining When Land Disposal Restrictions (LDR's) Are Applicable to CERCLA Response Actions, prepared by OSWER, 7/89.  
OSWER 9347.3-05FS
4. Implementing The Land Disposal Restrictions, Question and Answer Document, prepared by OSWER, 10/89.
5. CERCLA Compliance with Other Laws Manual, RCRA ARARs: Focus on Closure Requirements, prepared by OSWER, 10/89.  
OSWER 9234.2-04FS
6. Replacement of Contaminated Soil and Debris Treated Under a Treatability Variance, prepared by OSWER, 10/9/90.
7. EPA's Contained-In Policy, Background Information, prepared by U.S. EPA, 2/5/92.